2/4 ports mini USB KVM Switch with AUDIO

USER'S MANUAL

Introduction

Controlling 2 or 4 PCs from One USB Keyboard, USB Mouse, VGA Monitor and Audio function. Mini USB KVM switch is loaded with features such as hot key, and auto scan control. It has complete USB keyboard and USB mouse emulation for simultaneous multiple PCs boot-up process.

Features

◆Fully USB v1.1 specification compliant.
◆2/4 ports Mini USB KVM switch is compact size design, easy portable
◆Access 2/4 computers by one KVM Switch.
◆Support individual USB mouse, individual USB Keyboard for USB console port
◆Built-in microphone and speaker jacks for multimedia application
◆Very High Video Resolution - Up To 2048X1536
◆No Software installation required .
◆Keyboard status restored when switching PCs
◆ USB bus powered. No need to buy an external adaptor.
◆Support both "panel button" and "hot key" to switch among computers.
◆Support auto-scan mode for users to monitor computers easily.
◆Support audio beep and LEDs to indicate status.
◆Support 4 different sets of key sequence to switch among PCs.
◆ Recalls "Caps Lock", "Num Lock" and "Scroll Lock" keys' status for each PC
automatically
◆Auto save hotkey mode configuration.
◆Supports Windows, Macintosh, Linux, FreeBSD and Sun system.

Package Contents

Model No.: 2-port Mini USB KVM switch with Audio

2 ports Mini USB KVM Switch	1 PCS
USB A-type + DB15 to USB B-type +DB15	2 PCS
User's manual	1 PCS

Model No.: 4-port Mini USB KVM switch with Audio

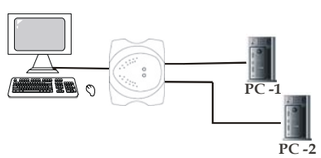
4 ports Mini USB KVM Switch	1 PCS
USB A-type + DB15 to USB B-type +DB15	4 PCS
User's manual	1 PCS

Technical Specifications:

Model No.	2- port Mini USB KVM switch with Audio	4 -port Mini USB KVM switch with Audio
PC Port	2	4
Console Port	2 USB type A ports	4 USB type A ports
Console Audio port	2	4
PC Port connector	2 (USB type B + VGA HDDB 15-pin)	4 (USB type B + VGA HDDB 15-pin)
Console port connector	2USB type A receptacles VGA HDDB 15-pin Female 3.5mm Audio Jack 3.5mm Microphone Jack	4 USB type A receptacles VGA HDDB 15-pin Female 3.5mm Audio Jack 3.5mm Microphone Jack
PC selection	Hot Key, Push button	Hot Key, Push button
LED	2	4
Scan Intervals	5,10,15,20,25,30,35,40,60 sec	5,10,15,20,25,30,35,40,60 sec
Keyboard	USB	USB
Mouse	USB	USB
VGA Resolution	2048X1536	2048X1536
Power Type	Bus Power	Bus Power
Operation Temperature	0~50℃	0~50℃
Storage Temperature	-20 ~ 60℃	-20 ~ 60℃
Humidity	0~90%, Non-Condensing	0~90%, Non-Condensing
Housing	Plastic	Plastic
Size	Mini Desktop	Mini Desktop
Dimension (mm)	N/A	N/A
Weight (g)	N/A	N/A

Product Details

2 ports Mini USB CONSOLE KVM switch with Audio



4 port Mini USB KVM switch with Audio

System Requirements Specifications:

Functions	2-port Mini USB KVM switch with Audio	4-port Mini USB KVM switch with Audio
Console Port	One VGA Monitor One USB Keyboard One USB Mouse One 3.5 mm Speaker Jack One 3.5 mm Microphone Jack	One VGA Monitor One USB Keyboard One USB Mouse One 3.5 mm Speaker Jack One 3.5 mm Microphone Jack
Computer Port	USB+VGA cable	USB+VGA cable

Hardware Installation:

Before installation, please make sure all of peripherals and computers have been turned off.

1. Connecting USB A-B cable to PC and this switch
2. Connecting HDDB15-pin VGA cable to PC and this switch.
3. VGA monitor's cable is connected to console VGA port.
4. Connecting USB keyboard and USB mouse to console USBports individually.
(Note: USB keyboard must be plugged into console keyboard port and USB mouse must be plugged into console mouse port)
5. Powering on all of PCs

★ NOTE: As PCs booting up, please do not commence switching. Please do not press switch button or use hot-keys.

Operation: Hot Key

To send commands to Mini USB KVM Switch, the SCROLL LOCK key must be pressed twice within 2 seconds. If you have not pressed any key in hot key mode within 2 seconds (It means to key in any key follows up "Scroll Lock" "Scroll Lock" key), the keyboard will back to under Operation System (O.S.) control state.

Press Hot key must be twice within 2 seconds

There are four Hot key mode:
[Scroll]+[Scroll] mode, [Caps]+[Caps] mode,
[Num]+[Num] mode and [Ctrl]+[Shift] mode.
Each can be switched to the other by keyboard.
The default hot key mode is [Scroll]++[Scroll] mode.

[Scroll]+[Scroll] mode

Hot Key Definition

[Scroll] + [Scroll] + 1 Switch to PC1
[Scroll] + [Scroll] + 2 Switch to PC2
[Scroll] + [Scroll] + → or ↓ Switch to Next PC
[Scroll] + [Scroll] + ← or ↑ Switch to Previous PC
[Scroll] + [Scroll] + B Beeper ON/OFF
[Scroll] + [Scroll] + S Auto-scan mode every 10 second.
([ESC] switch to regular key code)
[Scroll] + [Scroll] + S + n Set Auto-scan rate
([ESC) switch to regular key code)
[Scroll]+[Scroll]+[Caps] Switch to [Caps]+[Caps] hot key mode
[Scroll]+[Scroll]+[Num] Switch to [Num]+[Num] hot key mode
[Scroll]+[Scroll]+[Ctrl] Switch to [Ctrl]+[Shift] hot key mode

[Caps]+[Caps] mode

Hot Key Definition

[Caps]+[Caps]+1 Switch to PC1
[Caps]+[Caps]+2 Switch to PC2
[Caps]+[Caps]+ → or ↓ Switch to Next PC
[Caps]+[Caps]+ ← or ↑ Switch to Previous PC
[Caps]+[Caps]+B Beeper ON/OFF
[Caps]+[Caps]+S Auto-scan mode every 10 second.
([ESC] switch to regular key code)
[Caps]+[Caps]+S + n Set Auto-scan rate
([ESC] switch to regular key code)
[Caps]+[Caps]+[Scroll] Switch to [Scroll]+[Scroll] hot key mode
[Caps]+[Caps]+[Num] Switch to [Num]+[Num] hot key mode
[Caps]+[Caps]+[Ctrl] Switch to [Ctrl]+[Shift] hot key mode

[Num]+[Num] Mode

Hot Key Definition

[Num]+[Num]+1 Switch to PC1
[Num]+[Num]+2 Switch to PC2
[Num]+[Num]+ → or ↓ Switch to Next PC
[Num]+[Num]+ ← or ↑ Switch to Previous PC
[Num]+[Num]+B Beeper ON/OFF
[Num]+[Num]+S Auto-scan mode every 10 second.
([ESC] switch to regular key code)
[Num]+[Num]+S + n Set Auto-scan rate
([ESC] switch to regular key code)
[Num]+[Num]+[Scroll] Switch to [Scroll]+[Scroll] hot key mode
[Num]+[Num]+[Caps] Switch to [Caps]+[Caps] hot key mode
[Num]+[Num]+[Ctrl] Switch to [Ctrl]+[Shift] hot key mode

[Ctrl]+[Shift] mode (left hand)

Hot Key Definition

[Ctrl]+[Ctrl] Switch to next PC
[Ctrl + Shift + 1] Switch to PC1 .
[Ctrl + Shift + 2] Switch to PC2
[Ctrl + Shift + → or ↓] Switch to Next PC
[Ctrl + Shift + ← or ↑] Switch to Previous PC
[Ctrl + Shift + B] Beeper ON/OFF
[Ctrl + Shift + S] Auto-scan mode every 10 second.
([ESC] switch to regular key code)
[Ctrl + Shift + S] + [n] Set Auto-scan rate
([ESC] switch to regular key code)
[Ctrl + Shift + Scroll] Switch to [Scroll]+[Scroll] hot key mode
[Ctrl + Shift + Caps] Switch to [Caps]+[Caps] hot key mode
[Ctrl + Shift + Num] Switch to [Num]+[Num] hot key mode

◆means this is a set of key combination. Please press all these keys together.

Auto-scan rate
1: 5 secs 2: 10 secs 3: 15 secs 4: 20 secs 5: 25 secs
6: 30 secs 7: 35secs 8: 40 secs 9: 60 secs

LED Usage:

Normally, there is one LED is always lit (i.e. the console is linked to this PC port) for one PC port and the other PC port's LED is off, when you power on USB KVM switch.
When you select one of two PC ports and it is shut down or is disconnected to PC, the selected PC port LED flashed.

Troubleshooting

Ensure that all cables are well seated. Label all of cables with the number for each respective computer to avoid confusion.

SUN MICROSYSTEMS:

◎ Mini USB console KVM switch can work with PC and SUN Microsystems with USB port or two SUN Microsystems with USB port. PC and SUN Microsystems: One USB console could connect USB Keyboard and mouse combination. The other USB console could connect SUN USB keyboard.

Note: you don't like to use two keyboard, you also can use PC keyboard for SUN Microsystems. And the following keyboard need be applied to SUN Microsystems.

Sun Microsystems Keyboard Mapping

The following diagram indexes the Hotkey combination that emulates SunMicro keyboard commands.

You should use the left hand key {Ctrl + Left Windows Key = L_Win} of the pc keyboard

PC KEYBOARD	SUN KEYBOARD
[Ctrl + T]	Stop
[Ctrl + F2]	Again
[Ctrl + F3]	Props
[Ctrl + F4]	Undo
[Ctrl + F5]	Front
[Ctrl + F6]	Copy
[Ctrl + F7]	Open
[Ctrl + F8]	Paste
[Ctrl + F9]	Find
[Ctrl + 10]	Cut
[Ctrl + 1]	
[Ctrl + 2]	
[Ctrl + 3]	
[Ctrl + 4]	
[Ctrl + H]	Help
LEFT_WINDOWS KEY	Compose

CERTIFICATIONS

FCC

This equipment has been tested and found to comply with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference

(2) This device must accept any interference received. Including interference that may cause undesired operation.

CE – Certificate

This equipment is in compliance with the requirements of the following regulations: EN 55

022: CLASS B

BMN006710A00